## **AMENDMENTS TO THE CLAIMS**

Attorney Docket No.: O86052

This listing of claims will replace all prior versions and listings of claims in the application:

## LISTING OF CLAIMS:

- 1. (canceled).
- 2. (canceled).
- 3. (currently amended): A phosphor represented by formula  $(M^1{}_{1\text{-a}}Ln^2{}_a)_2 (M^2{}_{1\text{-b}}Ln^1{}_b)_2 M^3{}_2 O_9$

wherein M<sup>1</sup> is at least one metal element selected from the group consisting of Ca, Sr, and Ba, M<sup>2</sup> is at least one metal element selected from the group consisting of Y, La, Gd, and Lu, M<sup>3</sup> is at least one metal element selected from the group consisting of Si and Ge and oxygen, Ln<sup>1</sup> is at least one metal element selected from the group consisting of Ce, Pr, Nd, Pm, Sm, Eu, Tb, Dy, Ho, Er, Tm, Yb, and Mn, Ln<sup>2</sup> is at least one element selected from the group consisting of Sm, Eu, Yb, and Mn, a is from 0 to 0.5, b is from 0 to 0.5, and the sum of a and b is not less than 0).

4. (currently amended): A phosphor represented by formula  $(M^1_{1-c}Ln^2_{\ c})_3 (M^2_{1-d}Ln^1_{\ d})_2 M^3_{\ 2}O_{10}$ 

wherein M<sup>1</sup> is at least one metal element selected from the group consisting of Ca, Sr, and Ba, M<sup>2</sup> is at least one metal element selected from the group consisting of Y, La, Gd, and Lu, M<sup>3</sup> is at least one metal element selected from the group consisting of Si and Ge and oxygen, Ln<sup>1</sup> is at least one metal element selected from the group consisting of Ce, Pr, Nd, Pm, Sm, Eu, Tb, Dy, Ho, Er, Tm, Yb, and Mn, Ln<sup>2</sup> is at least one element selected from the group consisting of Sm, Eu, Yb and Mn, c is from 0 to 0.5, d is from 0 to 0.5 and the sum of c and d is not less than 0.

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5. (currently amended): A vacuum ultraviolet radiation excited light-emitting device comprising a phosphor represented by formula

$$(M^1{}_{1\text{-e}}Ln^2{}_e)_3(M^2{}_{1\text{-f}}Ln^1{}_f)_2M^3{}_6O_{18}$$

wherein M<sup>1</sup> is at least one metal element selected from the group consisting of Ca, Sr, and Ba, M<sup>2</sup> is at least one metal element selected from the group consisting of Y, La, Gd, and Lu, M<sup>3</sup> is at least one metal element selected from the group consisting of Si and Ge and oxygen, Ln<sup>1</sup> is at least one metal element selected from the group consisting of Ce, Pr, Nd, Pm, Sm, Eu, Tb, Dy, Ho, Er, Tm, Yb, and Mn, Ln<sup>2</sup> is at least one element selected from the group consisting of Sm, Eu, Yb, and Mn, e is from 0 to 0.5, f is from 0 to 0.5, and the sum of e and f is not less than 0.

6. (previously amended): A vacuum ultraviolet radiation excited light-emitting device comprising the phosphor according to claim 3 or 4.